

1st and final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. E

585752

Serial No.

Serial No. From To

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....		Dimensions
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Name of Contractor							
Date of commencement of work.....							
Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
	<u>Name of work:-</u> Additional Developmental works to widen School in Athul road <u>No.04 of Yelahanka Satellite Town Sub Division.</u>						
	<u>Job Code No:-</u> 004-23-000015. ✓						
	<u>D.O No:-</u> BBMP/EE/YNK.D/EPMT-12/100/121/2022-23, Date:- 17/02/2023. ✓						
	<u>Agreement No:-</u> BBMP/EE/YNK.D/EPMT/AG/119/2022-23, Date:- 15/02/2023. ✓						
	<u>Est cost:-</u> 20.00 lacs ✓						
	<u>Work order Amt:-</u> Rs. 16,91,094.00. ✓						
	<u>Contractor:-</u> Sri. Shikakumar. B.C. ✓						
	No. 382/1, A, Ground floor, 29 th cross Medical layout, Allahanda, Bangalore-560065. ✓						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
1.	Earthwork Excavation by manual means for drains, canals, wall weir, draft, approach channels, key trenches, foundation of bridges and such...	Qty. 29.60 cum				@ R. 218.46/cum = R. 6467.29.	
2.	providing and filling in foundation with granite / trap broken metal 100mm and down size & with approved sand including sand packing...	Qty. 4.42 cum				@ R. 2811.47/cum = R. 12432.32	
3.	providing and laying in position plain cement concrete for levelling course for all roads in foundation. The granite / trap / basalt crushed...	Qty. 24.83 cum				@ R. 6097.18/cum = R. 151362.49	
4.	providing and laying in position Reinforced cement concrete for all sub structure of building, irrigation work, sub structure walls...	Qty. 10.31 cum				@ R. 7104.26/cum = R. 73259.13.	

Serial No.
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Date 1	Full description
5.	providing structure Qty. a Qty. a
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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions			Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6	
5.	providing and laying in position Reinforced Cement concrete for all Super Structure of building, Road walls, Retaining walls, Seawall & Super- Qty upto 125%. Qty. 0.78 cum ✓ @ R. 7470.09/cum = R. 5826.67. Qty above 125%. 2.97 cum ✓ @ R. 7470.09/cum = R. 22191.77.					
6.	Stair case. Qty. 2.39 cum ✓ @ R. 8149.19/cum = R. 19457.82					
7.	providing Three - Mechanically Treated Bars of grade Fe-500 of more Steel reinforcement for RCC work including straightening, cutting, bending... Qty. 1579.40 kgs ✓ @ R. 105.39/kg = R. 166453.28					

MEASUREMENT BOOK

Date 1	Full description, etc. of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	8. Filling available excavated Earth (Excluding rock) in Trenches, pits, sides of foundations and other similar holes etc. in layers not... Qty upto 125%. Qty. 1.99 cum Qty above 125%. 12.32 cum					@ R. 223.95/cum = R. 434.46 @ R. 223.95/cum = R. 2761.09	
	9. Loading and unloading of Stone Boulders/Stone aggregates/Sand/Gravel/Hookum (Tripped 14 m ³) Qty. 14.89 cum					@ R. 81.24/cum = R. 1209.66 @ R. 81.24/cum = R. 1245.82	
	10. Cost of Haulage Excluding Loading and unloading taking output of 10t load and lead 100m = 100 t. Km. Qty. 19.05 t. Km					@ R. 117.36/t. Km = R. 2235.70 @ R. 117.36/t. Km = R. 2303.64	

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Serial No.

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Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions			Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6	
H.	Finishing walls with Acrylic Smooth Exterior paint of required shade: New work (Two coat applied @ 1.67 lt/10 m ² area and including.... Qty. 217.72 sqm @ R. 149.30/sqm = R. 32505.97.					
12	Finishing with Epoxy paint (two coats) at all locations prepared and applied as per measurements specifications including appropriate priming coat.... Qty. 436.13 sqm @ R. 151.50/sqm = R. 66074.38.					
13.	providing and laying water proofing treatment to the Roof with pu based Single component elastomeric pure polyurethane based coating on New.... Qty upto 125%. Qty. 45.11 sqm @ R. 817.86/sqm = R. 36893.66					
	Qty above 125%. 173.18 sqm @ R. 817.86/sqm = R. 141633.08.					

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
14.	providing and laying polished Granite Stone flooring in required design and patterns in linear as well as curvilinear portions of the building. Qty. 114.45 Sqm @ Rs. 3150.69/Sqm = Rs. 360596.47.						
15.	providing and placing on terrace (at all floor level) polyethylene water storage tank IS: 12401 marked, with cover and suitable locking. Qty. 1000.00 Hrs @ Rs. 8.78/Hr = Rs. 8780.00.						
16.	Supply and delivery of centrifugal pumpset at site brand new best make and with discharge duty conforming to ISI Standards and its. Qty 1.00 Each @ Rs. 19178.57/Each = Rs. 19178.57.						
17.	providing and fixing chlorinated polyethylene (CPVC) pipe, having three stability for hot and cold water supply, including all spec plain and branch. Qty. 100.00 mtr @ Rs. 409.48/mtr = Rs. 40948.00.						

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Date 1	Full description, etc, of work
18.	providing and placing
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20.	providing and placing

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Serial No.
Name of work From To
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
			Length 4	Breadth 5	Depth 6		
18.	Providing and fixing ball valve (ball) of approved quality, high or low pressure, with plate flange complete: 20mm nominal pipe. Qty. 3.10 Nos. @ Rl. 395.21/No = Rl. 1235.63						
19.	Providing & fixing of 3 track x 2 panel sliding windows made out of multi chambered u.pvc (resembling to RAL-9016) sections and with.... Qty. 18.98 sqm @ Rl. 7948.07/sqm = Rl. 150814.63						
20.	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, to test low level white vitreous.... Qty. Not Tackled						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
21.	providing and fixing wall brace with CI bracket, 15mm CP Brass plate of standard pattern, including...	Qty. 2.00	Nos			@ R. 2776.34/Each = R. 5552.68	
22.	providing and fixing brass bib cock of approved quality: 20mm nominal bore.	Qty. 10.00	Nos			@ R. 378.74/Each = R. 3780.74	
23.	providing and fixing brass stop cock of approved quality: 20mm nominal bore.	Qty. 6.00	Nos			@ R. 378.74/Each = R. 2272.44	
24.	providing and fixing on wall face explained rigid PVC rain water pipe conforming to IS 13592 Type A, including jointing with...	Qty. 50.00	mts			@ R. 277.74/mt = R. 13887.00	

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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
25.	providing and laying heavy duty cobble stones 75mm thick interlock Not packed						
26.	open conduit system supplying heavy gauge pvc conduit pipe 1 1/2" dia 2mm thick conforming to IS 2509 with suitable size beads, junction boxes--- Qty. 70.00 mtr @ Rs. 67.86/mtr @ Rs. 4750.20.						
27.	supplying and fixing mounting teak wooden box without front plate, made of not less than 12mm thick wood, after due groove cutting--- Qty. 6.00 Nos @ Rs. 74.85/Each @ Rs. 449.10.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
28.	Supplying and wiring adopting loop system in existing pvc Conduit/casing capping using 2x1.5mm ² (phase & Neutral) Ep 1x1.0mm ² ... Qty. 2.00 Nos @ R. 275.45 Each = R. 550.90.						
29.	Supplying and wiring adopting loop system in existing pvc Conduit/casing using 2x1.5mm ² (phase & Neutral) Ep 1x1.0mm ² ... Qty. 2.00 Nos @ R. 385.23/Each = R. 770.46						
30.	Supplying and wiring adopting loop system in existing pvc Conduit/casing capping using 2x1.5mm ² (phase & Neutral) Ep 1x1.0mm ² ... Qty. 5.00 Nos @ R. 565.87/Each = R. 2829.35.						
31.	Supplying GA flush type socket and GA flush type sp switch either Surface/flush mounting in existing gang box 2 in 4mm thick... Qty. 2.00 Nos @ R. 142.71/Each = R. 285.42						

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Date 1	Full description, etc, of work 2	Dimensions			Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6	
32)	wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multi stranded copper wire with low conductor (1.5mm ²)----					
	Qty. 90.00 mtrs @ Rs. 25.95/mtr = Rs. 2335.50					
33.	wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multi stranded copper wire with low conductor (2.5mm ²)--					
	Qty. 60.00 mtr @ Rs. 39.92/mtr = Rs. 2395.20.					
34.	wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multi stranded copper wire with low conductor (4mm ²)----					
	Qty. 160.00 mtr @ Rs. 58.88/mtr = Rs. 9420.80.					

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
35.	Supplying 4mm thick plate sheet with necessary nitches for fixing switch, regulator, etc, and fixing on existing wooden... Qty. 2000 Sqm @ Rs. 0.29/Sqm = Rs. 580.00.						
36.	Supplying and fixing retrofit type - PL-LED lamp 18-20W LED Linear Source with COT 6500 degree K, CRI > 70% efficacy... Qty. 6.00 nos @ Rs. 689.62/Each = Rs. 4137.72						
37.	Supplying wall mounting fan suitable to operate at single phase 230V AC supply room sweep. NOT Tackled.						
38.	Supplying and fixing of T5 fluorescent tube with 14W power consumption with low 3mg mercury content & below 40% glath... Qty upto 125/- Qty. 5.00 Each @ Rs. 131.74/Each = Rs. 658.70. Qty above 125/- 1.00 Each @ Rs. 131.74/Each = Rs. 131.74						

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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
			Length 4	Breadth 5	Depth 6		
39.	Supply and fixing wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing....	Qty. 5.00 Nos				@ Re. 314.37/Each = Re. 1571.85.	
40.	Supplying and fixing of perfect full channel with cut on existing wooden/plaster ceiling necessary nuts, bolts and washers - 32A.	Qty. 8.00 Nos				@ Re. 199.60 Each = Re. 1596.80.	
41.	Supplying of on canal change over switches & poles, AC 23A Duty 415V, 50 Hz, AC Supply (open execution) upto 63A.	Qty. 1.00 Nos				@ Re. 5174.63/Each = Re. 5174.63	

MEASUREMENT BOOK

Date 1	Full description, etc. of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
A2.	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and C type. Qty. 2.00 Nos @ Rs. 2394.20/Each = Rs. 4788.40						
A3.	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and C type. Qty. 3.00 Nos @ Rs. 1773.45/Each = Rs. 5320.35						
A4.	Supplying, fixing and wiring Electronic Triac Meters (ETM) 5 to 3/62 A three phase 4 wire shole current class-1 Accuracy Energy meter. Qty. 1.00 No @ Rs. 5114.75/Each = Rs. 5114.75						
A5.	Supplying, fixing, wiring, Earth Electrode for grounding conductors, R cutouts and other Equipments on the meter Board using HMM etc. Qty. 2.00 Nos @ Rs. 2993.00/No = Rs. 5986.00						

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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
			Length 4	Breadth 5	Depth 6		
46.	Supplying and running of GI/copper strips for grounding connections, using necessary fixing materials as required. 25x3mm GI Strips. Qty. 40.00 mtrs @ Rs. 74.85/mtr = Rs. 2994.00.						
47.	Supplying of LT VG cable having aluminium conductor pvc insulated, sheathed, galvanized, steel wire/steel tap annealed cable with pvc --- Qty. 50.00 mtr @ Rs. 149.70/mtr = Rs. 7485.00.						
48.	Labour charges for laying of 1.1 kv class VG cable in existing trench GI pipe/stone wall pipe on poles or pole as required. 1634mm. Qty. 50.00 mtr @ Rs. 11.86/mtr = Rs. 593.00.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	49. Digging of Trench of 0.6m Deep X 0.50 mtr wide up to the required ground level and consolidating the trench to the required ground level and consolidating the trench.						
	Qty. 30.00 mtr @ R. 75.85/mtr @ R. 2275.50						
	50. Supplying and fixing class A (Medium duty) 32 pipes of wall thickness not less than 3.25mm on pole/wall/dean covering with necessary.						
	Qty. 2.00 mtr @ R. 334.33/mtr @ R. 668.66						
	51. Supplying and fixing L.T. call box pot heads suitable for 11KV class V.G. cable filled with necessary Bitumen/insulating compound.						
	Qty. 1.00 Each @ R. 269.46/Each = R. 269.46						
	52. Providing BESEM deposits excluding ESCOM 3 phase energy meter.						
	Qty. 1.00 LS @ R. 9980.00/LS = R. 9980.00						

Serial No.
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Name of Contractor
Date of commencement

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No. E

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Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
E1.	providing and fixing in position fully seasoned Kanne wood shutters for doors with stiles and rails of 40mm thick with bottom and... Qty. 6.10 sqm @ Rs. 5570.24/sqm = Rs. 33421.42						
E2.	providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than... Qty. 18.18 sqm @ Rs. 1205.38/sqm = Rs. 21913.89						
E3.	providing and laying ceramic glazed floor tiles of size 300x300mm (thickness to be specified by the manufacturer) of 1st quality complying... Qty. 45.90 sqm @ Rs. 848.60/sqm = Rs. 38950.71						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
E5.	Supplying and fixing water closet Squalling pan (Indian type) with 100mm sand cast Iron pot & trap, 10 litre pan level with...	Qty. 4.00 pan				@ R. 4661.26/pan = R. 18645.04	
E6.	Supplying capacitor type ceiling fan complete with down rod blade, Shackle, capacitor etc, for operation on 230V, 50 cycles...	Qty. 6.00 Nos				@ R. 2165.66/each = R. 12993.96	
E6.	providing and applying with Cement based putty of average thickness 1mm, of approved brand and manufacture, over the...	Qty. 502.30 sqm				@ R. 91.12/sqm = R. 45767.81	
E7.	Applying priming coats with primer of approved brand new manufacture						

Serial No.
Name of work
Name of Contractor
Date of commencement

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No. E

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Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions			Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6	
	Painting low voc (Volatile organic compound) content. With ready...					
	Qty. 502.30 Sgm @ Rs. 45.01/Sgm = Rs. 22608.20					
E8.	providing and fixing flush door shutter made out of solid core Block Board Type, well seasoned, Chemically treated hard wood...					
	Qty. 3.40 Sgm @ Rs. 2896.00 Sgm = Rs. 9846.39					
E9.	providing and fixing 30mm thick factory made rigid foam preform parallel door shutter made from H.S tube of 19X19mm, 19 gauge...					
	Qty. 6.00 Sgm @ Rs. 4174.93/Sgm = Rs. 25049.60					

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
E10.	providing and constructing local bearing wall with solid blocks of size 400 X 150 X 200mm / bearing block density more than... Qty. 216 Sqm @ R. 1164.77/Sqm = R. 2515.89						
E11.	providing 12mm thick cement plaster with cement mortar 1:4 (1 cement : 4 sand) to both sides including rounding off... Qty. 11.79 Sqm @ R. 239.32/Sqm = R. 2821.59.						
		1665849.00				Sub Total Amt: R.	1665849.00
		299853.00					299853.00
		1965702.00				Total GST 18% = R.	1965702.00
						Grand Total Amt. R.	1965702.00

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31/07/2025

Serial No.
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Date of completion

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Measurement Book

No. E

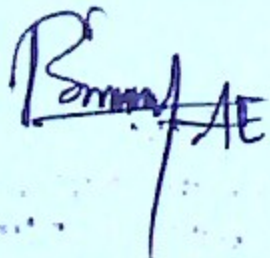
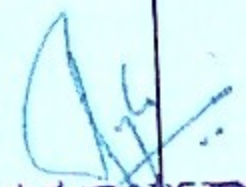
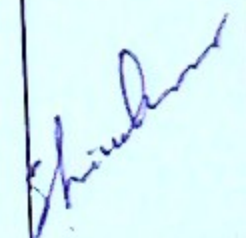
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Serial No.

Name of work From

Name of Contractor of nature of Agency.....

Date of commencement of work.....		Dimensions
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Name of Contractor							
Date of commencement of work							
Date 1	Full description, etc, of work 2	Number 3	Dimensions		Depth 6	Contents 7	Reference to last Measurement 8
			Length 4	Breadth 5			
	<u>Certif. Cate.</u> 1. The above work has been completed satisfactorily. 2. The debris are removed and disposed from the work spot. 3. No. departmental issues are made to contractor. 						
			 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಯುಪಕರಣ ಉಪನಗರ ಉಪವಿಭಾಗ, ಇ.ಇ.ಎಂ.ಡಿ. ಬೆಂಗಳೂರು-108				 BX

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	CLASS ROOM-2 5.50 X 7.50m CLASS ROOM-1 5.50 X 6.00m	3	4	5	6	7	8

Serial No.
Name of work
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Date of commencement

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Full description of work
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No. E

585763

Serial No. From To
Name of work
Name of Contractor of nature of Agency
Date of commencement of work

Date 1	Full description, etc, of work 2	Number 3	Dimensions			Contents 7	Reference to last Measurement 8
			Length 4	Breadth 5	Depth 6		
	1 st and Final bill						
	Gross Amt = Rs	1965000 = 00				Job Code: 004-23-000015 SBRNO: 44/23-24 D+: 2/8/23	
	PSD = Rs					1965000 = 00	
	CCST = Rs	16653 = 00					
	SCST = Rs	16653 = 00					
	TV = Rs	19650 = 00					
	LC = Rs	19650 = 00					
	CHF = Rs	1965 = 00					
	Royalty = Rs	10360 = 00					
	T.D. = Rs	84931 = 00					
	Net Amt = Rs	1880069 = 00					

Audited & Admitted for Rs.

1880069 = 00

84931 = 00

and Rs.

by adjustment

Accs. Super
Geishanka Division
BBMP

Exa. E. Officer
yellamraju Division
BBMP